

## 8 Ports Fast Ethernet Switch

*Integrated 4 x Power Over Ethernet Ports*  
*“ Save Your Power Infrastructure Cost ”*



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PoE allows power to be supplied to end devices, such as Wireless AP or VoIP Phones, directly through the existing LAN cables. By supplying the power end-span, you can centralize power distribution and backup without the need to increase infrastructure.

### Features :

- Conforms to IEEE 802.3 10BASE-T, IEEE802.3u 100BASE-TX and IEEE 802.3x flow control standards
- Supports 10/100Mbps auto-detect half/full duplex
- Supports TP auto MDI/MDI-X function for auto TX/RX swap
- Supports 802.3x flow control pause packet for full duplex

### PoE Features

- Supports IEEE 802.3af compliant
- Supports Power over Ethernet (PSE) on each PoE-TP port (End-Point)
- Full power(15.4w) support for per PoE-TP port
- Auto detect powered device and consumption levels
- Smart feature for PD on/off, PD detection, power level, PD status and power feeding priority (X)
- Automatic Fault Detection (Over/Under Voltage & Current)
- Thermal shutdown protection ( $T_j > 150^{\circ}\text{C}$ )

Model NO.	ES-5844P
Standards	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX
No. of Ports	8*10/100 Mbps RJ-45 ports with 4 PoE ports
Transmission Mode	10/100Mbps, full/half-duplex (Auto-sensing)
Transfer Rate	10Mbps: 14880pps (64 Bytes Package) 100Mbps: 148800pps (64 Bytes Package)
Flow Control	IEEE 802.3x flow control for full-duplex Back pressure in half-duplex operation mode
Switching Method	Store & forward
LEDs	Power, Link/Act, Speed, PoE activity
Temperature / Humidity	0° to 50°C / 5% to 90%
Voltage / Frequency	AC 90-264V / 47-63Hz
Power Consumption	65W, -48VD, 1.35A
Physical Dimension	44(H) X 220(W) X 130.5(D) mm
Safety	FCC Part 15 Class A & CE Mark Approval